

Radiation low, TMI entry termed successful

Five technicians at Three Mile Island completed a successful entry into the Unit 2 Containment Building on Oct. 16. This is the third entry into the TMI containment.

All five were able to stay longer than planned because radiation levels inside the building were lower than anticipated.

The team completed all of its tasks designated by General Public Utility and EG&G Idaho's Technical Integration office. Afterwards the team and support personnel congratulated each other on a job well done.

The team members were Sam Griffith, 28, a health physics technician with Nuclear Support Services Inc., and a veteran of the second entry; Larry E. Eberly, 44, an instrument and control technician with Metropolitan Edison Company; Guy E. Wise, 45, a Met-Ed machinist; Richard Croll, 28, a radiation chemical technician with Met-Ed, and Peter Keegan, 27, a Met-Ed senior

health physics technician.

The team entered the building at 10:30 a.m. Wise and Croll repaired the locking mechanism of a personnel airlock that is a part of the equipment hatch. The doors to the airlock have been sealed shut since the accident.

Wise and Eberly left the building after the first hour, staying twice as long as was planned. Keegan left with them when a camera malfunctioned. He was scheduled to join Croll and Griffith who climbed to the next elevation and continued radiation monitoring and picture taking. Croll and Griffith left the building at noon. They were inside an hour and a half, thirty minutes longer than scheduled.

Other tasks completed were a radiological survey of the core flood tanks, maintenance on two monitors that keep operators apprised of certain plant systems, and a visual survey of the polar crane, the device used to lift the top of the

reactor off during refueling.

The team recorded radiation readings of between 200 and 500 millirems per hour on the entry floor and an average of 150 millirems per hour on the next higher elevation. These readings were significantly lower than had been thought previously.

Actual radiation doses to the team members were well below the 625 millirem limit set for the entry. They ranged from 200 to just over 450 millirems. By comparison, the company quarterly limit is 1,250 millirems and the federal quarterly limit is 3,000 millirems.

Team members praised the new light weight breathing apparatus they wore in this entry. It consisted of a battery-powered air filtration device with positive flow air masks. In the first entry the team carried oxygen tanks on their backs.

This time the entry teams wore cotton coveralls instead of the heavier fireman's coats worn during the first two entries.



WHY ARE ALL those people standing outside the Willow Creek Building? Occupants of WCB were participating in an emergency evacuation exercise, which was determined to have been unacceptable. Many of the alarms were inaudible; many people were confused as to the exit route they were to take and where they were to go after getting outside.



JUSTINE CASSADY, supervisor, Facility Planning, EG&G Idaho, has received her ASQ certification making her the only female certified quality engineer at EG&G Idaho. Cassidy has worked for the company two and one half years and has a master's degree in statistics.

APS replaces Huff as INEL guard firm

American Protective Services, Inc., Oakland, California, has been selected from among 15 candidate firms to provide expanded security services at the Idaho National Engineering Laboratory.

The Department of Energy's Idaho Operations Office is negotiating a contract with the California firm.

DOE/ID solicited proposals for security services to conform to an Office of Management and Budget order requiring DOE to reduce the number of federal inspectors at its sites. About 20 federal inspectors will be replaced by American Protective Services, Inc.

American Protective Services will replace Huff and Huff Protective Service, Seattle, Wash., as INEL guard contractor. The company has committed themselves to retain federal inspectors and Huff and Huff employees who meet their hiring criteria.

DOE/ID officials said the contract, for approximately \$3.8 million during the next three years, provides for maintaining about 65 officers at various site facilities. DOE security inspector personnel will number about 70.

American Protective Services was selected for its experience and qualifications, officials said. The firm is contractor for a number of varied private and federal facilities including the DOE San Francisco Operations Office, other nuclear sites and oil companies.